

# Single-Cylinder Diesel Engine for Agricultural Machinery

This single-cylinder diesel engine is designed for a variety of industrial and agricultural applications. Its robust construction ensures durability and reliable performance.



## Overview

### Compact Power for Agriculture

This series of single-cylinder, four-stroke diesel engines is engineered for reliable performance in agricultural and industrial machinery. Featuring a robust horizontal design and direct injection, these engines provide consistent power output for small machinery, water pumps, and generators. The construction prioritizes durability, ensuring longevity under demanding operating conditions.

## Performance

### Rated Power Output

**4.4 kW**

R175A Rated Power

**5.15 kW**

R180 Rated Power

## Technical Details

### Technical Specifications

Feature	R175A	R180
Cylinder Diameter x Stroke	75x80 mm	80x80 mm
Displacement	0.35 L	0.402 L
Rated Power	4.4 kW (6 ps)	5.15 kW (7 ps)
One-hour Rating	4.8 kW (6.6 ps)	5.6 kW (7.7 ps)
Net Weight	60 kg	70 kg

Compression Ratio: 22

## Operational Parameters

Starting Methods: Hand start, Electric start

Fuel Consumption: 280.2 g/kW·h